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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/713,259-Conf. #4769
				Filing Date	November 17, 2003
				First Named Inventor	Kuniaki MOTOSHIMA
				Art Unit	3672
				Examiner Name	M. J. Smith
Sheet	1	of	1	Attorney Docket Number	0054-0279P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
EB	AA*	US-5,500,756-A	03-19-1996	Tsushima et al.	
EB	AB*	US-5,455,704-A	10-03-1995	Mizuochi et al.	
EB	AC*	US-5,870,217-A	02-09-1999	Itou et al.	
EB	AD*	US-5,864,423-A	01-26-1999	Kosaka	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
EB	BA	EP-0 902 565-A2	03-17-1999			
EB	BB	EP-0 734 129-A2	09-25-1996			
EB	BC	EP-0 910 182-A2	04-21-1999			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Eric Bolda	Date Considered	7/26/06
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MKM/CJB/ta

Form PTO-1449				ATTY. DOCKET NO. 0054-0279P		APPLICATION NO. NEW			
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)				APPLICANT MOTOSHIMA, Kuniaki et al.					
				FILING DATE November 17, 2003		GROUP Unassigned			
<b>U.S. PATENT DOCUMENTS</b>									
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
EB	US 5,510,930	A	1996-04-23	Motoshima et al.					
	US 6,252,699		06-2001	Kohn, Ulrich	359	177			
	US 6,400,498		06-2002	Shimomura et al.	359	337			
	US 5,812,710		09-1998	Sugaya, Yasushi	359	127			
	US 6,275,329		08-2001	Sieben Michael	359	177			
	US 6,151,160		11-2000	Ma et al.	359	124			
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	US 6,236,482		05-2001	Toyohara, Atsushi	359	124			
EB	US 6,335,823		01-2002	Ohshima et al.	356	73.1			
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	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
EB	JP	10-13357	A	1998-01-16	JAPAN				
	JP	11-174383	A	1999-07-02	JAPAN				
	JP	6-2197	A	1994-01-28	JAPAN				
	JP	9-219696	A	1997-08-19	JAPAN				
	JP	9-238107	A	1997-09-09	JAPAN				
	JP	10-126341	A	1998-05-15	JAPAN				
	JP	7-240717	A	1995-09-12	JAPAN				
	JP	2000-78081	A	2000-03-14	JAPAN				
EB	JP	11-74595	A	1999-03-16	JAPAN				
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)									
EB	SUGATANI et al., Technical Research Report on the Institute," Vol. 95, No. 185, pp. 21-26								
EB	Lee et al., IEEE Phototonics Technology Letters, Vol. 10, No. 12, pp. 1721-1723								
EB	"Optical Amplifiers & Their Applications," MD1, 1998								
EXAMINER <b>Eric Boldt</b>					DATE CONSIDERED <b>7/26/06</b>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

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<b>U.S. PATENT DOCUMENTS</b>									
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
EN	US 6,008,934		12-1999	Fatehi et al.	359	176			
	US 5,675,432		10-1997	Kosaka Junya	359	176			
	US 6,407,836		06-2002	Fukushima Nobuhiro	359	124			
	US 6,292,290		09-2001	Wan et al.	359	124			
	US 5,452,116		09-1995	Kirkby et al.	359	124			
	US 6,307,668		10-2001	Bastien et al.	359	337.1			
EN	US 5,392,154		02-1995	Chang et al.	359	124			
	US								
	US								
	US								
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	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
EN	JP	6-21897	A	1994-01-28	JAPAN				
EN	WO	97/09757		03-1997	WIPO				
EN	JP	11-46030		02-1999	JAPAN				
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)									
EN	Masuda et al. "Wide-Band and Low Noise Optical Amplification using Distributed Raman Amplifiers and Erbium-Doped Fiber Amplifiers," ECOC'98 September 1998, pages 51-52.								
EN	Kawai et al. "Wide-Bandwidth and Long-Distance WDM Transmission Using highly Gain-Flattened Hybrid Amplifier," Photonic Tech. Lett. 11:7, July 1999, pages 886-888.								
EN	Nakagawa et al. "1580 nm band erbium-doped fiber amplifier employing novel temperature compensating technique," OFCC 2000, March 2000, pages 108-110, vol. 2.								
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